

PATENT  
Attorney Docket No. PC10770B US

Amendments to the Specification:

Please replace the paragraph at page 1, line 1 after the title "Cross Reference to Related Applications" with the following paragraph:

--This divisional application claims the benefit of priority from non-provisional United States Application Serial No. 09/821,322, filed March 29, 2001, now issued as United States Patent No. 6,649,611, which in turn claims priority from United States Provisional Application Serial No. 60/193,789, filed March 31, 2000, both of which are incorporated in their entireties for all purposes.--

Please replace the paragraph beginning at 17, line 16 with the following paragraph:

--(C<sub>2</sub>-C<sub>9</sub>)Heterocycloalkyl when used herein refers to pyrrolidinyl, tetrahydrofuranyl, dihydrofuranyl, tetrahydropyranyl, pyranyl, thiopyranyl, aziridinyl, oxiranyl, methylenedioxyyl, chromenyl, barbituryl, isoxazolidinyl, 1,3-oxazolidin-3-yl, isothiazolidinyl, 1,3-thiazolidin-3-yl, 1,2-pyrazolidin-2-yl, 1,3-pyrazolidin-1-yl, piperidinyl, thiomorpholiny, 1,2-tetrahydrothiazin-2-yl, 1,3-tetrahydrothiazin-3-yl, tetrahydrothiadiazinyl, morpholiny, 1,2-tetrahydodiazin-2-yl, 1,3-tetrahydodiazin-1-yl, tetrahydroazepinyl, piperazinyl, or chromanyl, etc.--

Please replace the paragraph beginning at 17, line 23 with the following paragraph:

--(C<sub>2</sub>-C<sub>9</sub>)Heteroaryl when used herein refers to furyl, thienyl, thiazolyl, pyrazolyl, isothiazolyl, oxazolyl, isoxazolyl, pyrrolyl, triazolyl, tetrazolyl, imidazolyl, 1,3,5-oxadiazolyl, 1,2,4-oxadiazolyl, 1,2,3-oxadiazolyl, 1,3,5-thiadiazolyl, 1,2,3-thiadiazolyl, 1,2,4-thiadiazolyl, pyridyl, pyrimidyl, pyrazinyl, pyridazinyl, 1,2,4-triazinyl, 1,2,3-triazinyl, 1,3,5-triazinyl, pyrazolo[3,4-b]pyridinyl, cinnolinyl, pteridinyl, purinyl, 6,7-dihydro-5H-[1]pyrindinyl, benzo[b]thiophenyl, 5, 6, 7, 8-tetrahydro-quinolin-3-yl, benzoxazolyl, benzothiazolyl, benzisothiazolyl, benzisoxazolyl, benzimidazolyl, thianaphthetyl, isothianaphthetyl, benzofuranyl, isobenzofuranyl, isoindolyl, indolyl, indolizinyl, indazolyl, isoquinolyl, quinolyl, phthalazinyl, quinoxaliny, quinazolinyl, or benzoxazinyl, etc.--

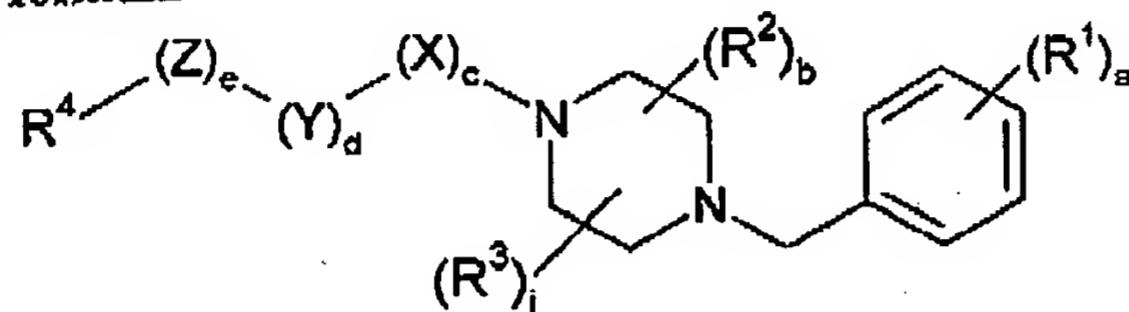
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Please replace the abstract at page 86 with the following new abstract:

--NOVEL PIPERAZINE DERIVATIVES

Abstract

A compound of the formula



or the pharmaceutically acceptable salt thereof; wherein a, b, c, d, e, j, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, and R<sup>4</sup> are as defined above-herein and are useful to treat inflammation and other immune disorders.--

[REMAINDER OF PAGE BLANK]

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Amendment and Response to OA dated June 25, 2004